

AUTOMATED SELECTION OF APPROPRIATE INFORMATION  
BASED ON A COMPUTER USER'S CONTEXT

ABSTRACT

A system filters received messages (*e.g.*, unsolicited advertisements) to determine if they are appropriate for a user based on the non-static, constantly evolving, context of the user. The system can track the user's context by monitoring various environmental parameters, such as related to the user's physical, mental, computing and data environments, and can model the current context of the user based at least in part on the monitoring. The system selects a set of one or more filters to apply to incoming messages based on the user's context, and the selected filters can be updated as the user's context changes. Messages that survive the filters are then evaluated against the user's context to determine whether they should be presented immediately or stored for delayed presentation.

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